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MO RH Guide 10
Rev 12/17/2009 sl

UNITED STATES DEPARTMENT OF AGRICULTURE
RURAL DEVELOPMENT

Position 6

NEW HOME COMPONENT SYSTEMS CERTIFICATION

Single Family Housing Program

Property Address

street address, city, state

Building Code Requirements [1980.340(b)(1) & MO RD 1924-A, exhibit C, I, A]

Construction must comply with USDA RD regulations, 2000 International Residential Code (IRC) for One and Two Family Dwellings, 1999 National Electric Code (NEC 70A) and meet local building requirements. If more than one code is applicable in any given situation, the more restrictive requirement shall apply. The inspector shall verify that the house has been built in accordance with the certified plans, specifications and code requirements.

Thermal Requirements [FmHA Instruction 1980.313(h), and 1924-A, Exhibit D, IV, A]

Option #1

- ☐ R- Ceiling Insulation: R-32 min. for guaranteed loans, R-38 min. for RD direct loans.
- ☐ R- Floor Insulation: R-19 over unconditioned crawl spaces and basements. **All bandjoists insulated to R-19.** (floor insulation not required if crawl space or basement walls are insulated)
- ☐ R- Crawl space: 18" clear between top of grade & bottom of joists. 6 mil vapor barrier, edges lapped 6". If crawl space is conditioned and with no venting walls must be insulated to R-10 continuous or R-13 cavity insulation.
- ☐ R- Basement walls (below grade, conditioned space) – insulated to R-10 continuous or R-13 cavity insulation.
- ☐ Y ☐ N Slab-on-Grade: perimeter insulation of R-10 for a minimum depth of 2'-0"
- ☐ Y ☐ N Glazing (windows & doors): U-factor .40 minimum
- ☐ Y ☐ N Doors: opaque, U-factor .35 minimum
- ☐ R- Exterior Walls (above grade; including at attached garages, if garage is not insulated): R-19 with vapor barrier (V.B toward interior/warm side) at 2x6 framing; R-13 + R-5 sheathing at 2x4 framing.
- ☐ Y ☐ N Exhaust Fans: Bathroom exhaust fans vented to the outside or operable window.

Option #2

- ☐ Y ☐ N In lieu of meeting all of the individual standards listed above, submit a copy of the calculations showing the overall "Ua"- value of the house in accordance with 2000 International Residential Code (IRC) or REScheck (www.energycodes.gov). Calculations must indicate the R-value/U-factor for each assembly.

Private Water &/or Waste (if applicable)

- ☐ Y ☐ N ☐ N/A On-Site Private Sewage System and Wells: Approved by Department of Health (State or Local)

Emergency Egress

- ☐ Y ☐ N All bedrooms and basements with habitable space are provided with an exterior door or an emergency egress window (**5.7 SF net clear area** (5.0 SF if w/in 44" of grade), minimum opening dimensions: 24" height, min and 20" width, min., **window sill/clear opening not to be more than 44" above finished floor**).

Certification

I have inspected and do hereby certify that this new single family property meets the aforementioned thermal and building code requirements and the home was constructed in accordance with the certified plans and specifications with the exception of the following items (attach continuations):

These items must be corrected prior to loan closing. Appraise the property as if these deficiencies had been corrected.

Signature of Inspector

date

Official Position Title

Business Name

Telephone Number